

Subject Index 1972

AMPLIFIERS

- A 700-Watt Amplifier Design. Robert W. Carver. Feb., 24.
- Intermodulation Distortion: A Powerful Tool for Evaluating Amplifiers. Gerald Stanely & David McLaughlin. Feb., 36.
- New Amplifiers and Preamplifiers. Feb., 47.
- Testing Amplifiers with a Bridge. Andrew R. Collins. Mar., 28.

Annual Product Directory and List of Manufacturers. Sept., 28. Addenda. Nov., 52.

Binaural Sound, Audience Involvement Through Use of. Billy Brant. Nov., 34.

C.E.S. New Products At. Aug., 30.

Christmas Buying Guide. Nov., 54.

Christmas Story. T.W.G. Dec., 34.

CONSTRUCTION PROJECTS

- Acoustic Feedback Loudspeaker System. Curtiss R. Schafer. Jan., 32.
- Dynaquad Four-Dimensional System, A Simple Matrix-Type Unit for the. Erno Borbely. May, 42.
- Equalizer, Constructing a Room. Dick Crawford. Sept., 18.
- Preamplifier, A Quiet Phonograph. James P. Holm. Oct., 34.
- Tone Burst Generator, Part III—Check Out and Operation. Walter Jung. Jan., 42.
- VU Meter, A Peak-Reading, with Compensation for Tape Saturation. E.A. Ballik. Oct., 48.

Diamond Styli, A New Concept in. Hedi Benz. Aug., 33.

DIRECTORIES AND SURVEYS

- New Amplifiers and Preamplifiers. Feb., 47.
- Annual Product Directory and List of Manufacturers. Sept., 28. Addenda. Nov., 52.
- Cassette Deck Survey: 16 Models Tested. Oct., 56.
- Loudspeaker Directory. Mar., 38.
- Microphone Directory. Dec., 36.
- New Receivers and Tuners. Jan., 38.

- Small Speaker Survey: 14 Models Tested. Sept., 101.
- Open-Reel Tape Recorder Directory. April, 46.
- Turntables: Capsules of Past Reviews. June, 46.
- Turntable Directory. June, 48.

Dynamic Noise Filter For Mastering. Richard S. Burwen. June, 29.

Equalization of Sound Reinforcement Systems. Daniel Queen. Nov., 18.

EQUIPMENT PROFILES

- Acoustic Research AR-6 loudspeaker. Jan., 62.
- Acoustic Research AR-LST loudspeaker. Dec., 58.
- Advent smaller loudspeaker. Dec., 65.
- Audio Dynamics Corp. XLM phono cartridge. July, 53.
- BIX/LUX 71/3R AM/FM stereo receiver. Feb., 50.
- BSR McDonald 810 automatic turntable. June, 56.
- B&W 70CA loudspeaker. Aug., 46.
- Beyer DT-480 headphones. Mar., 66.
- Crown IC-150 preamplifier and D-150 amplifier. Jan., 48.
- Dual 1218 automatic turntable. Jan., 56.
- Dynaco SCA-80Q amplifier. July, 48.
- Dynaco FM-5FM tuner. Oct., 72.
- Eastman Sound Matrin Crescendo 430 loudspeaker. Oct., 74.
- Fisher 801 AM/FM quadraphonic receiver. July, 44.
- Foster (Ercona) RDF-224 headphones. Mar., 64.
- Harman-Kardon 930 AM/FM receiver. June, 52.
- Harman-Kardon Citation 13 loudspeaker. May, 69.
- Harman-Kardon Citation 14 FM tuner. Dec., 54.
- Heath AJ-1500 FM tuner. May, 71.
- Lafayette LA-524 SQ decoder/amplifier. July, 40.
- Lenco L-75 manual turntable. July, 52.
- Marantz 250 basic amplifier. June, 58.
- Marantz Imperial 6 loudspeaker. April, 52.
- Miracord 50 H-II automatic turntable. May, 66.

- Panasonic SA-5800 AM/FM receiver. Aug., 48.
- Panasonic RS-736US open-reel tape deck. Oct., 67.
- Pioneer SX-727 AM/FM receiver. May, 62.
- Pioneer CS-E400 loudspeaker. Aug., 44.
- Realistic STA-120B AM/FM receiver. Dec., 62.
- Rectilinear III Lowboy loudspeaker. June, 60.
- Sansui QS-100 decoder/amplifier. July, 42.
- Scott 477 AM/FM receiver. Oct., 69.
- Sharpe 770 headphones. Mar., 64.
- Sony 1130 integrated amplifier. Feb., 54.
- Sony TC-277-4 quadraxial tape deck. Aug., 42.
- TEAC AS-201 integrated amplifier. Mar., 60.
- TEAC A-24 cassette deck. April, 50.
- Telex Studio I headphones. Mar., 68.
- Telex 48H 8-track tape player. April, 54.
- Telex-Viking Quad/Sonic 2+2 tape recorder. Jan., 57.
- Wharfedale W70E speaker. Mar., 69.
- Wollensak 6364 2/4-channel tape recorder. Feb., 57.

From the People Who Brought You Franz Liszt? George W. Tillett. April, 36.

Headphones, The "Open-Aire" Principle in High-Fidelity. Friedrich Warning. May., 52.

Kit Builder, Trials and Tribulations of the Novice. Leonard Feldman. Nov., 28.

Language of High Fidelity. Martin Clifford. I, May, 32; II, June, 36; III, Aug., 25; IV, Sept., 24; V, Oct., 36; VI, Nov., 42; VII, Dec., 45.

Lirpa Matrix System Unveiled. April, 12.

London Letter. Donald Aldous. May, 75.

LOUDSPEAKERS

The Acoustic Feedback Loudspeaker System. Curtiss R. Schafer. Jan., 32.

Subject Index 1972

AMPLIFIERS

- A 700-Watt Amplifier Design. Robert W. Carver. Feb., 24.
- Intermodulation Distortion: A Powerful Tool for Evaluating Amplifiers. Gerald Stanely & David McLaughlin. Feb., 36.
- New Amplifiers and Preamplifiers. Feb., 47.
- Testing Amplifiers with a Bridge. Andrew R. Collins. Mar., 28.

Annual Product Directory and List of Manufacturers. Sept., 28. Addenda. Nov., 52.

Binaural Sound, Audience Involvement Through Use of. Billy Brant. Nov., 34.

C.E.S. New Products At. Aug., 30.

Christmas Buying Guide. Nov., 54.

Christmas Story. T.W.G. Dec., 34.

CONSTRUCTION PROJECTS

- Acoustic Feedback Loudspeaker System. Curtiss R. Schafer. Jan., 32.
- Dynaquad Four-Dimensional System, A Simple Matrix-Type Unit for the. Erno Borbely. May, 42.
- Equalizer, Constructing a Room. Dick Crawford. Sept., 18.
- Preamplifier, A Quiet Phonograph. James P. Holm. Oct., 34.
- Tone Burst Generator, Part III—Check Out and Operation. Walter Jung. Jan., 42.
- VU Meter, A Peak-Reading, with Compensation for Tape Saturation. E.A. Ballik. Oct., 48.

Diamond Styli, A New Concept in. Hedi Benz. Aug., 33.

DIRECTORIES AND SURVEYS

- New Amplifiers and Preamplifiers. Feb., 47.
- Annual Product Directory and List of Manufacturers. Sept., 28. Addenda. Nov., 52.
- Cassette Deck Survey: 16 Models Tested. Oct., 56.
- Loudspeaker Directory. Mar., 38.
- Microphone Directory. Dec., 36.
- New Receivers and Tuners. Jan., 38.

- Small Speaker Survey: 14 Models Tested. Sept., 101.
- Open-Reel Tape Recorder Directory. April, 46.
- Turntables: Capsules of Past Reviews. June, 46.
- Turntable Directory. June, 48.

Dynamic Noise Filter For Mastering. Richard S. Burwen. June, 29.

Equalization of Sound Reinforcement Systems. Daniel Queen. Nov., 18.

EQUIPMENT PROFILES

- Acoustic Research AR-6 loudspeaker. Jan., 62.
- Acoustic Research AR-LST loudspeaker. Dec., 58.
- Advent smaller loudspeaker. Dec., 65.
- Audio Dynamics Corp. XLM phono cartridge. July, 53.
- BIX/LUX 71/3R AM/FM stereo receiver. Feb., 50.
- BSR McDonald 810 automatic turntable. June, 56.
- B&W 70CA loudspeaker. Aug., 46.
- Beyer DT-480 headphones. Mar., 66.
- Crown IC-150 preamplifier and D-150 amplifier. Jan., 48.
- Dual 1218 automatic turntable. Jan., 56.
- Dynaco SCA-80Q amplifier. July, 48.
- Dynaco FM-5FM tuner. Oct., 72.
- Eastman Sound Matrin Crescendo 430 loudspeaker. Oct., 74.
- Fisher 801 AM/FM quadraphonic receiver. July, 44.
- Foster (Ercona) RDF-224 headphones. Mar., 64.
- Harman-Kardon 930 AM/FM receiver. June, 52.
- Harman-Kardon Citation 13 loudspeaker. May, 69.
- Harman-Kardon Citation 14 FM tuner. Dec., 54.
- Heath AJ-1500 FM tuner. May, 71.
- Lafayette LA-524 SQ decoder/amplifier. July, 40.
- Lenco L-75 manual turntable. July, 52.
- Marantz 250 basic amplifier. June, 58.
- Marantz Imperial 6 loudspeaker. April, 52.
- Miracord 50 H-II automatic turntable. May, 66.

- Panasonic SA-5800 AM/FM receiver. Aug., 48.
- Panasonic RS-736US open-reel tape deck. Oct., 67.
- Pioneer SX-727 AM/FM receiver. May, 62.
- Pioneer CS-E400 loudspeaker. Aug., 44.
- Realistic STA-120B AM/FM receiver. Dec., 62.
- Rectilinear III Lowboy loudspeaker. June, 60.
- Sansui QS-100 decoder/amplifier. July, 42.
- Scott 477 AM/FM receiver. Oct., 69.
- Sharpe 770 headphones. Mar., 64.
- Sony 1130 integrated amplifier. Feb., 54.
- Sony TC-277-4 quadraxial tape deck. Aug., 42.
- TEAC AS-201 integrated amplifier. Mar., 60.
- TEAC A-24 cassette deck. April, 50.
- Telex Studio I headphones. Mar., 68.
- Telex 48H 8-track tape player. April, 54.
- Telex-Viking Quad/Sonic 2+2 tape recorder. Jan., 57.
- Wharfedale W70E speaker. Mar., 69.
- Wollensak 6364 2/4-channel tape recorder. Feb., 57.

From the People Who Brought You Franz Liszt? George W. Tillett. April, 36.

Headphones, The "Open-Aire" Principle in High-Fidelity. Friedrich Warning. May., 52.

Kit Builder, Trials and Tribulations of the Novice. Leonard Feldman. Nov., 28.

Language of High Fidelity. Martin Clifford. I, May, 32; II, June, 36; III, Aug., 25; IV, Sept., 24; V, Oct., 36; VI, Nov., 42; VII, Dec., 45.

Lirpa Matrix System Unveiled. April, 12.

London Letter. Donald Aldous. May, 75.

LOUDSPEAKERS

The Acoustic Feedback Loudspeaker System. Curtiss R. Schafer. Jan., 32.

Activating Your Loudspeaker Crossover. Michael W. King. April, 32.
Crossover Network Design. Edward M. Long. Mar., 34.
What Price Loudspeaker Response Curves? Ralph West. Mar., 18.

Mathematics For Beginners. Norman H. Crowhurst. IV, April, 22.

Measurement of Loudness. Harry F. Olson. Feb., 18.

Men of Hi-Fi. Harry Maynard. The Perfect FM Tuner, Jan., 26.; Status of Quadraphonic Broadcasting, May, 57.

MICROPHONES

Microphones. Jim Long. Dec., 18.
Microphones—*Quo Vadis?* James H. Kogen. April, 24.

MUSIC

Bundles From London. Greg Morrow. Feb., 60.
The First Meyerbeer Opera on Records. Richard Freed., Sept., 110.
Newport Jazz Festival—New York. Martha Sanders Gilmore. Oct., 91.
How to Read An Orchestral Score. Robert F. Weirauch. Dec., 71.
Solti's Magic Flute. Richard Freed. April, 56.
Stockhausen's *Stimmung*: First New York City Performance. William N. Agosto. Feb., 63.
Two Verdi Requiems; G&S Encores. Richard Freed. May, 83.
Return of the Native: The Link Wray Experience. Martha Sanders Gilmore. Feb., 74.

The Next Ten Years. Industry Leaders. May, 22.

Questions & Answers

Amplifier Q's & A's—Mainly for Beginners. Feb., 46.
Phono Cartridge Q's & A's—Mainly For Beginners. Aug., 40.
Quadraphonics Q's & A's—and How to Convert. July, 36.
Speaker Q's & A's—Mainly For Beginners. Mar., 58.

Quadraphonics

Discrete vs. SQ Matrix Quadraphonic Discs. Benjamin B. Bauer. July, 18.
Why The Four-Channel War Need Not Take Place. Leonard Feldman. July, 30.
Good News Ahead For Record Buyers. Harry Maynard. July, 28.
Quadraphonic News. Mar., 14.

Care of Records. Percy Wilson. Dec., 30.

Sound Reproduction. Psychology of. Harry F. Olson. June, 20.

TAPE RECORDERS

Choosing a Tape Recorder. H. W. Hellyer. April, 16.
All About Tape Recorder Equalization. Herman Burstein. Oct., 26.
Tape Recorders—A View From the Crystal Ball. Herman Burstein. April, 40.
A Dynamic Noise Filter for Mastering. Richard S. Burwen. June, 29.
Noise Reduction Techniques. H. W. Hellyer. Oct., 18.
Quadraphonics: Questions & Answers and How To Convert. July, 36.
The New Sansui "20 dB" Matrix. July, 38.
Men of Hi-Fi: Status of Quadraphonic Broadcasting. Harry Maynard. May, 57.
Refacing Tape Recorder Heads. William B. Fraser. April, 20.

TESTING

Intermodulation Distortion: A Powerful Tool for Evaluating Amplifiers. Gerald Stanley & David McLaughlin. Feb., 36.
Testing Amplifiers with a Bridge. Andrew R. Collins. Mar., 28.

How Audio Tests A Phono Cartridge. Aug., 38.
Phono Pickups, A Practical High-Frequency Trackability Test for. C. R. Anderson and P. W. Jenrick. Aug., 34.
How Audio Tests a Turntable. June, 42.

TUNERS

FM Tuner Performance, How to Evaluate. Daniel R. von Recklinghausen. Jan., 18.
Men of Hi-Fi: The Perfect FM Tuner. Harry Maynard. Jan., 26.

Why Are Audio People "A Special Breed of Cat?" Norman H. Crowhurst. May, 78.

WORKBENCH

Concept Plus Speaker of the House. Sept., 108.
EICO 955 capacitor bridge. Jan., 66.
Ferrograph RTS-1 tape recorder test set. June, 62.
Heathkit IB-101 frequency counter. Sept., 106.
Heathkit GD-29 microwave oven. Dec., 68.
Heathkit IM-105 VOM. Jan., 64.
Signal Science Whistle Switch. Oct., 78.
Russound/FMP SWB-2 Multiplay switch. Nov., 72.

Author Index 1972



Agosto, William N.
Stockhausen's *Stimmung*: First New York City Performance. Feb., 63.

Aldous, Donald
London Letter. May, 75.

Anderson, C. R., and P. W. Jenrick
A Practical High Frequency Trackability Test for Phono Pickups. Aug., 34.

(Continued from page 111)

Ballik, E. A.
A Peak-Reading VU Meter with Compensation for Tape Saturation. Oct., 48.

Bauer, Benjamin B.
Discrete vs. SQ Matrix Quadraphonic Discs. July, 18.

Benz, Hedi
A New Concept in Diamond Styli. Aug., 33.

Borbely, Erno
A Simple Matrix-Type Unit for the Dynaquad Four-Dimensional system. May., 42.

Burstein, Herman
All About Tape Recorder Equalization. Oct., 26.
Tape Recorders—A View from the Crystal Ball. April., 40.

Burwen, Richard S.
A Dynamic Noise Filter for Mastering. June, 29.

Brant, Billy
Audience Involvement Through the Use of Binaural Sound. Nov., 34.

Canby, Edward Tatnall—Audio ETC
Doctoring the Signal. Feb., 64.
The Corporate Block—International Trade. Mar., 70.
The Corporate Block Unblocked. April., 62.
The Canby Constant. May, 80.
Ultra Disc. June, 64.
Midwest Safari. July, 56.
Recording at 15 ips on Batteries. Aug., 51.
Timeless Recordings. Oct., 82.
Headphone Spaghetti. Nov., 87.
Cybernetic Symmetry. Dec., 82.

Carver, Robert W.
A 700 Watt Amplifier Design. Feb., 24.

Clifford, Martin
Language of High Fidelity. I, May, 32; II, June, 36; III, Aug., 25; IV, Sept., 24; V, Oct., 36; VI, Nov., 42; VII, Dec., 45.

Collins, Andrew R.
Testing Amplifiers with a Bridge. Mar., 28.

Crawford, Dick
Constructing a Room Equalizer. Sept., 18.

Crowhurst, Norman H.
Mathematics for Beginners. IV, April, 22.
Why Are Audio People "A Special Breed of Cat?" May, 78.

Feldman, Leonard
Why the Four-Channel War Need Not Take Place. July, 30.
The Trials and Tribulations of the Novice Kit Builder. Nov., 28.

Fraser, William B.
Refacing Tape Recorder Heads. April, 20.

Freed, Richard
Solti's Magic Flute. April, 56.
Two Verdi Requiems; G&S Encores. May, 83.
The First Meyerbeer Opera on Records. Sept., 110.

Gilmore, Martha Sanders
Return of the Native: The Link Wray Experience. Feb., 74.
Newport Jazz Festival—New York. Oct., 91.

Hellyer, H. W.
Choosing A Tape Recorder. April, 16.
Noise Reduction Techniques. Oct., 18.

Holm, James P.
A Quiet Phonograph Preamplifier. Oct., 34.

Jenrick, P. W., and C. R. Anderson.
A Practical High-Frequency Trackability Test for Phono Pickups. Aug., 34.

Jung, Walter
IC Tone Burst Generator, Part III—Check Out and Operation. Jan., 42.

King, Michael W.
Activating Your Loudspeaker Crossover. April., 32.

Kogen, James H.
Microphones—*Quo Vadis?* April, 24.

Long, Edward M.
Crossover Network Design. Mar., 34.

Long, Jim.
Microphones. Dec., 18.

McLaughlin, David, and Gerald Stanley.
Intermodulation Distortion: A Powerful Tool for Evaluating Amplifiers. Feb., 36.

Morrow, Greg
Bundles From London. Feb., 60.

Olson, Harry F.
Measurement of Loudness. Feb., 18.
Psychology of Sound Reinforcement. June, 20.

Maynard, Harry
Good News Ahead for Record Buyers. July, 28.
Men of Hi-Fi. The Perfect FM Tuner. Jan., 26; Status of Quadraphonic Broadcasting. May, 57.

Queen, Daniel
Equalization of Sound Reinforcement Systems. Nov., 18.

Schafer, Curtiss R.
The Acoustic Feedback Loudspeaker System. Jan., 32.

Stanley, Gerald, and David McLaughlin
Intermodulation Distortion: A Powerful Tool for Evaluating Amplifiers. Feb., 36.

Tillett, George W.
From the People Who Brought You Franz Liszt?, April., 36.

von Recklinghausen, Daniel R.
How to Evaluate FM Tuner Performance. Jan., 18.

Warning, Friedrich
The "Open-Aire" Principle in High Fidelity Headphones. May, 52.

Weirausch, Robert F.
How to Read an Orchestral Score. Dec., 71.

West, Ralph
What Price Loudspeaker Response Curves? Feb., 18.

Whyte, Bert—Behind the Scenes
Reverberation units and delay lines. Jan., 12.
Bass roll-off on discs. Feb., 10.
Dolbyized tapes and quadraphonic recording. Mar., 10.
Open-reel market and head cleaning. April., 10.
Memories I, May, 12; II, June, 14.
Cooper Time Cube. July, 12.
Quadraphonic report. Aug., 12.
Show report. Sept., 8.
Women in high fidelity. Oct., 10.
AES and CD-4 discs. Nov., 10.
Altec visit. Dec., 12.

Wilson, Percy.
Care of Records. Dec., 30.

